

1/22



Figure 1

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2/22

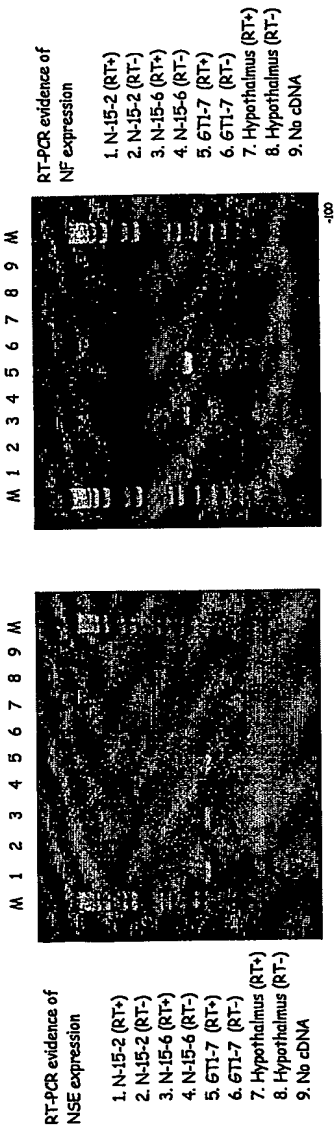
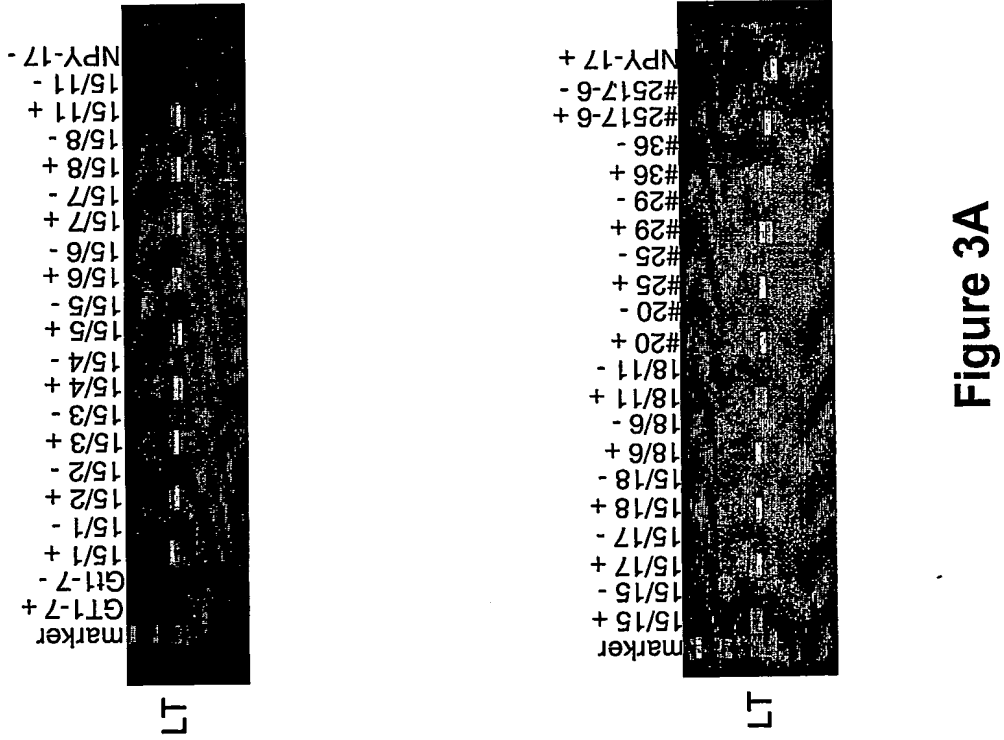


Figure 2

3/22



4/22

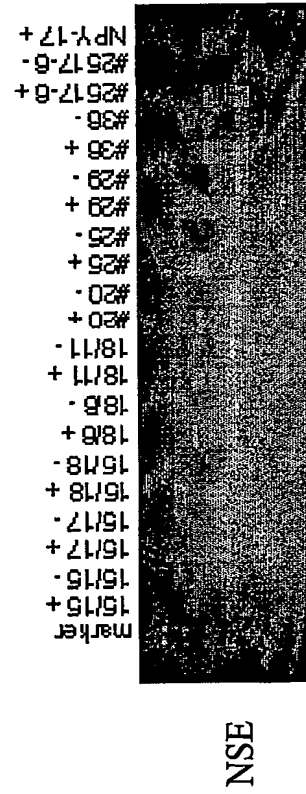
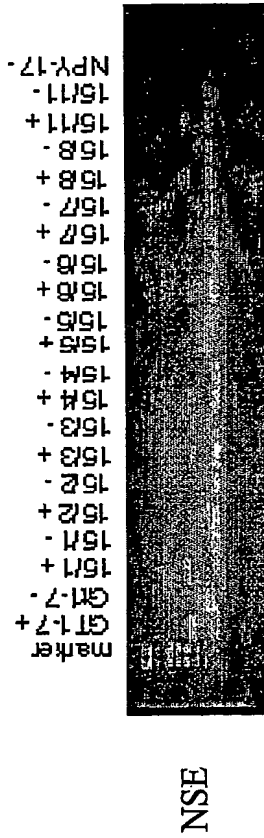


Figure 3B

5/22

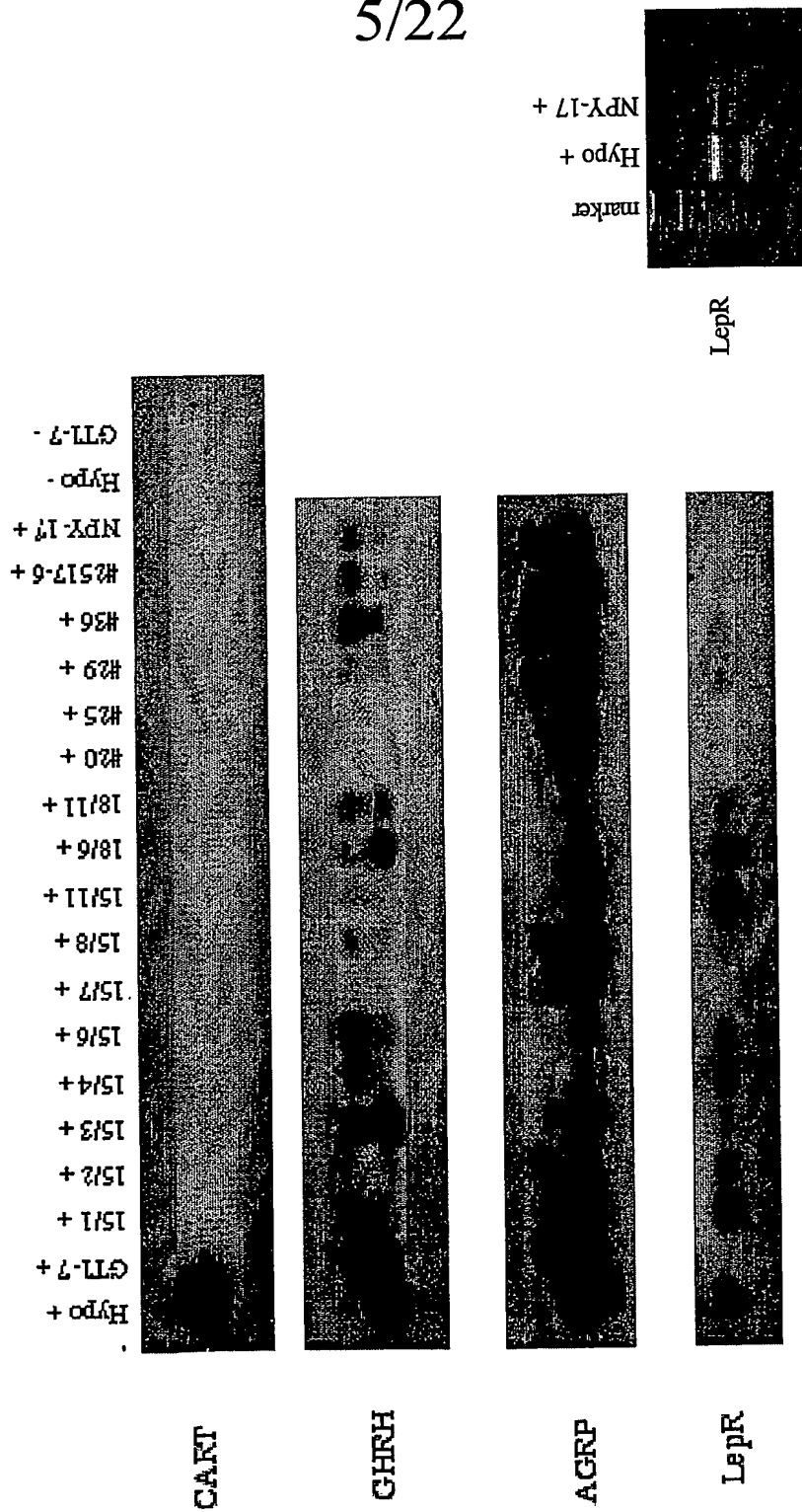


Figure 4

6/22

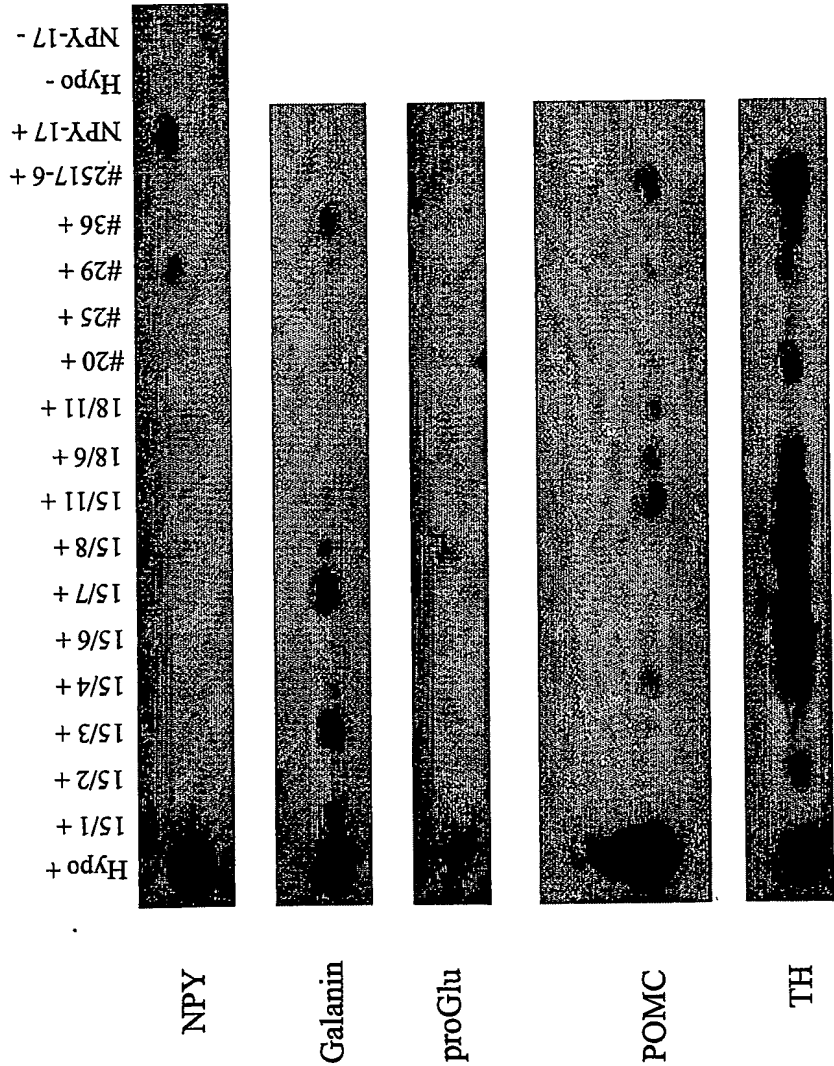


Figure 5

7/22

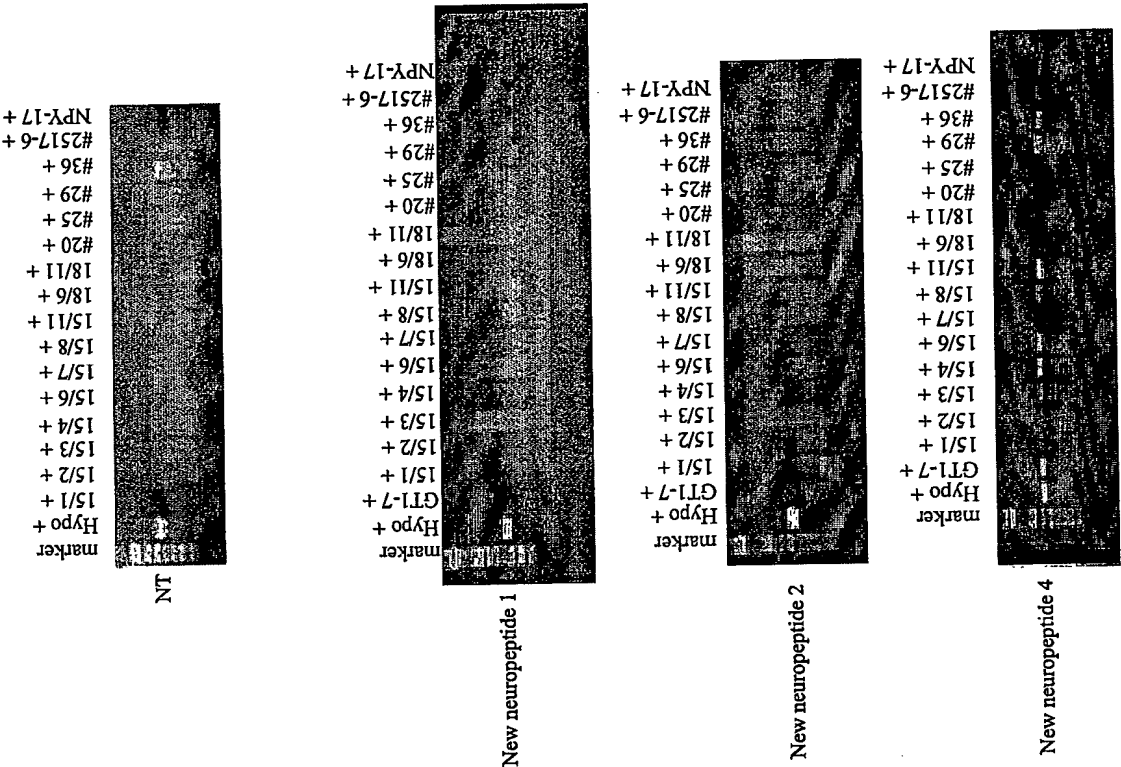
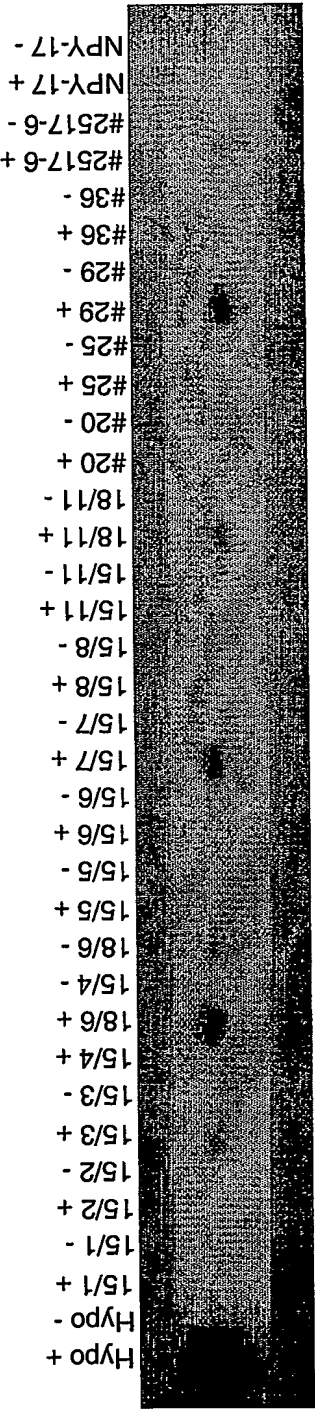
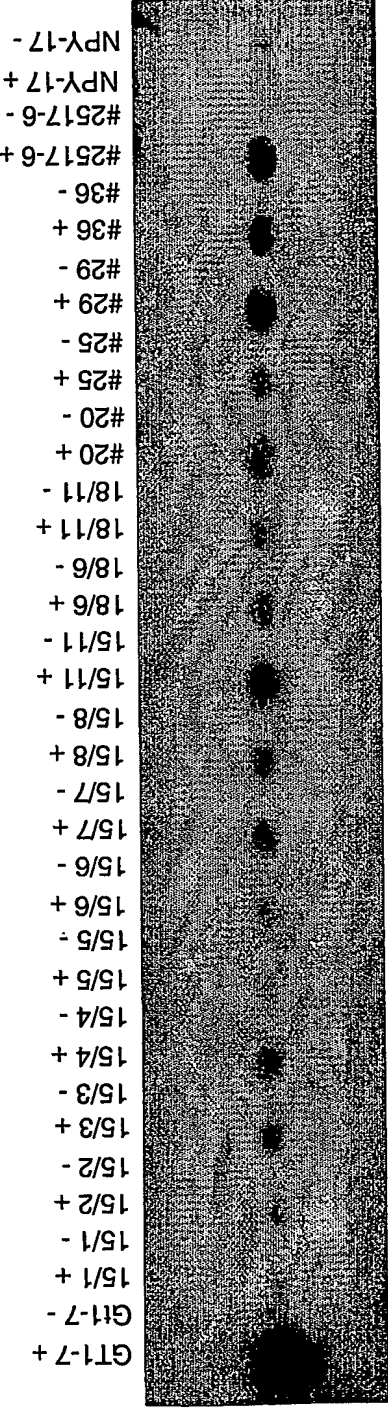


Figure 6

8/22



G2R



GnRH

Figure 7

9/22

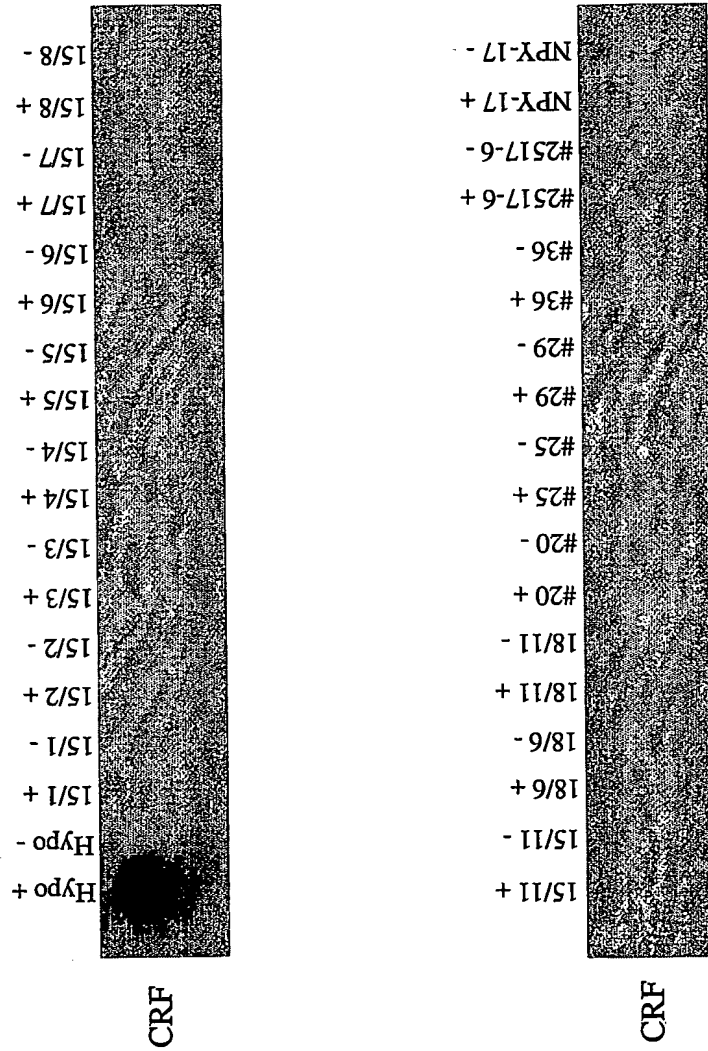


Figure 8

10/22

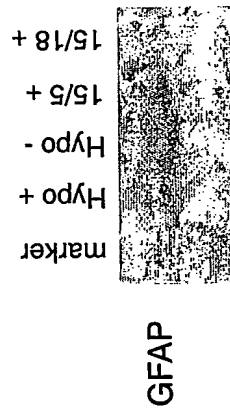


Figure 9

11/22

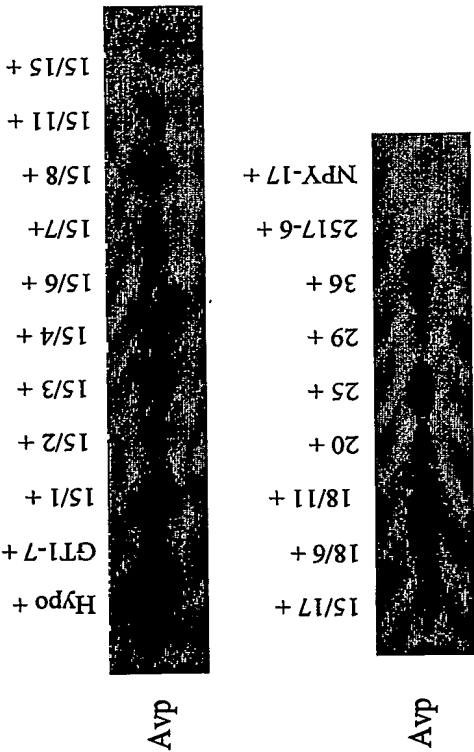
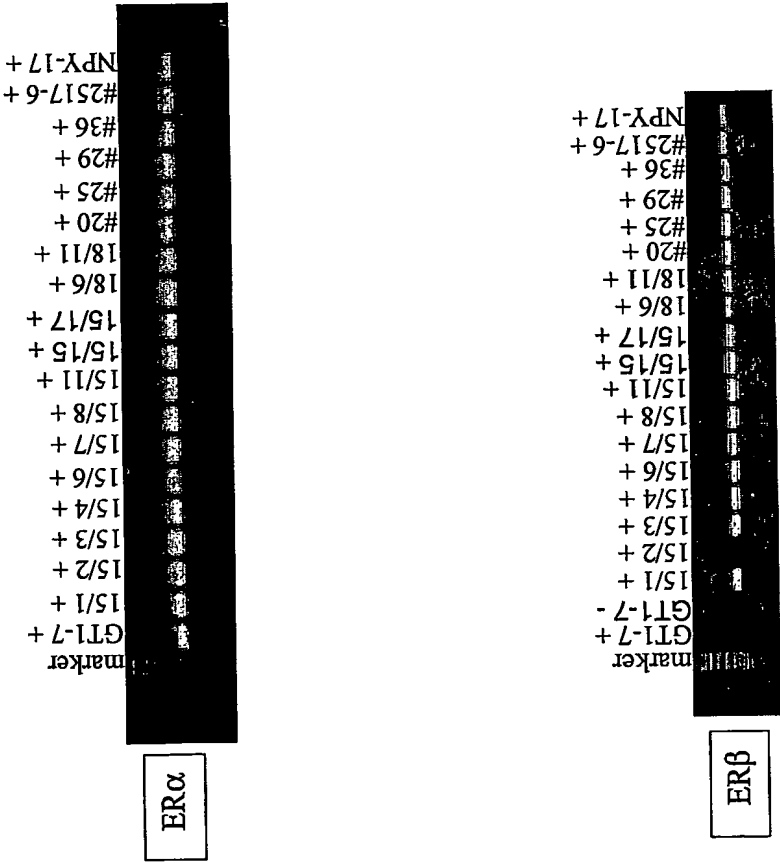


Figure 10

12/22



13/22

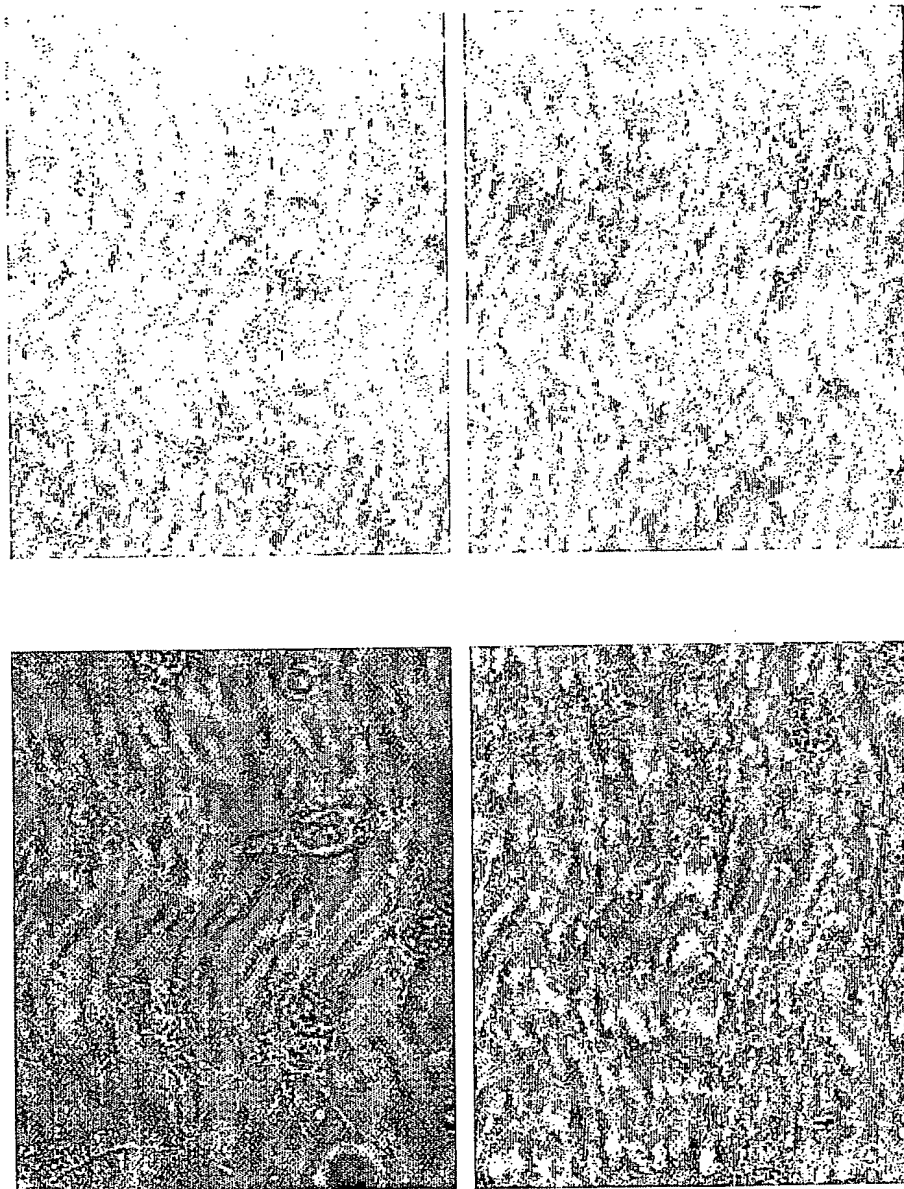


Figure 12

14/22

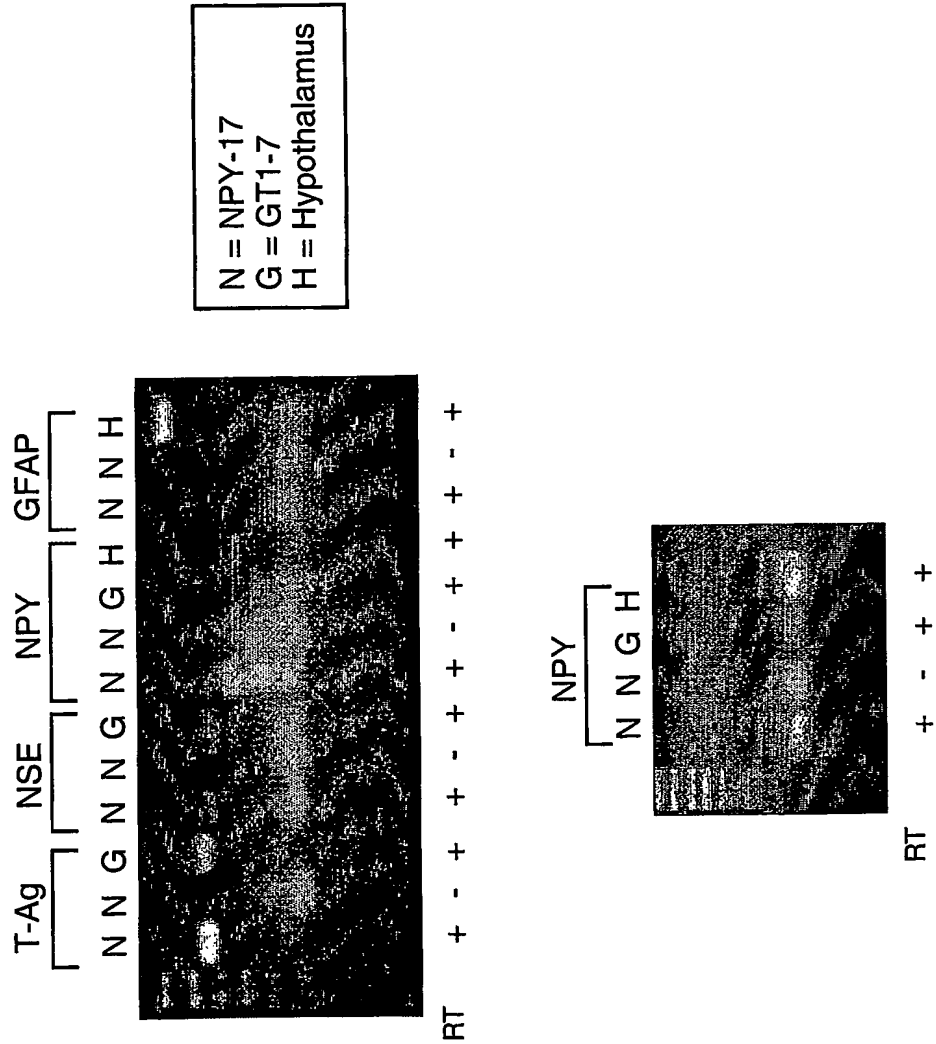


Figure 13

15/22

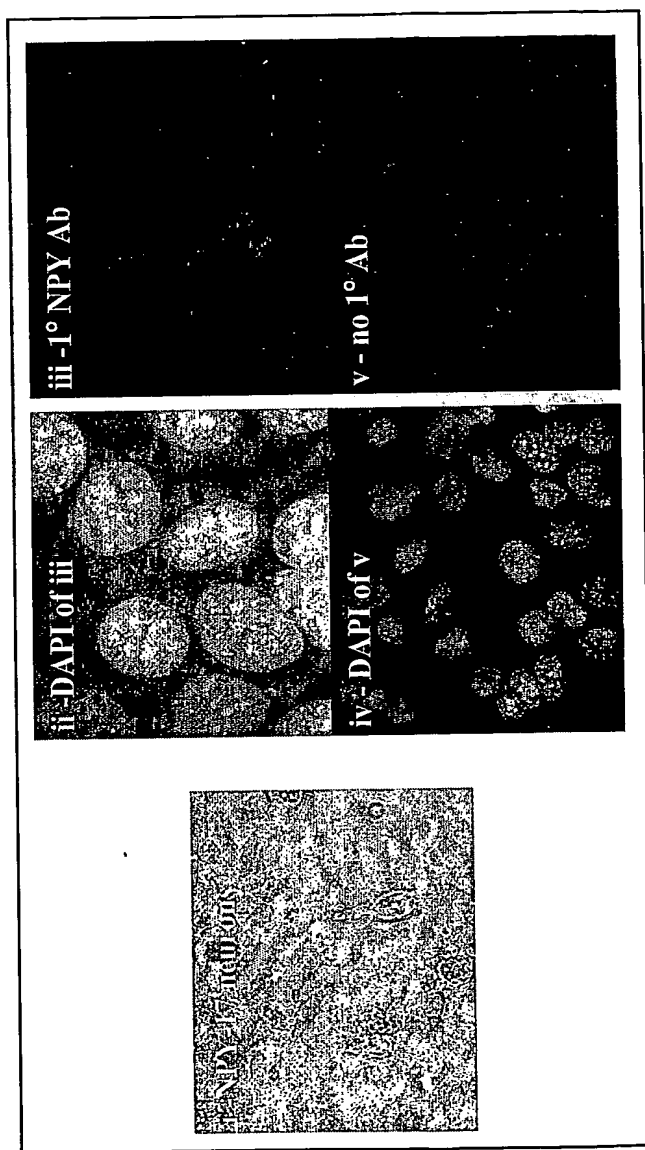


Figure 14

16/22

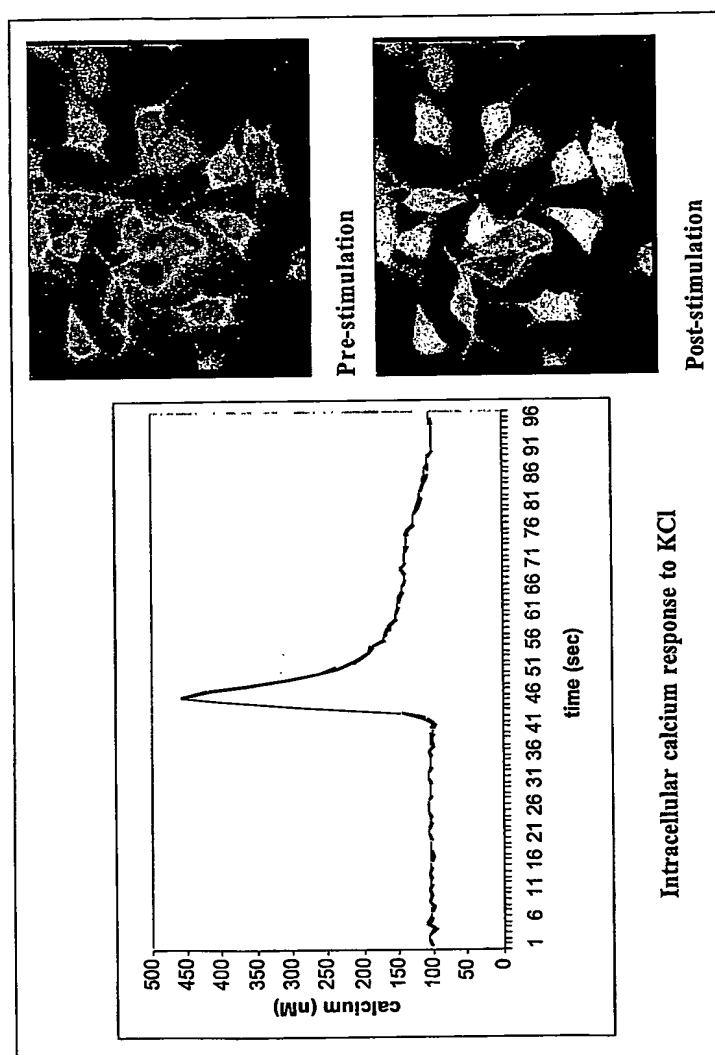
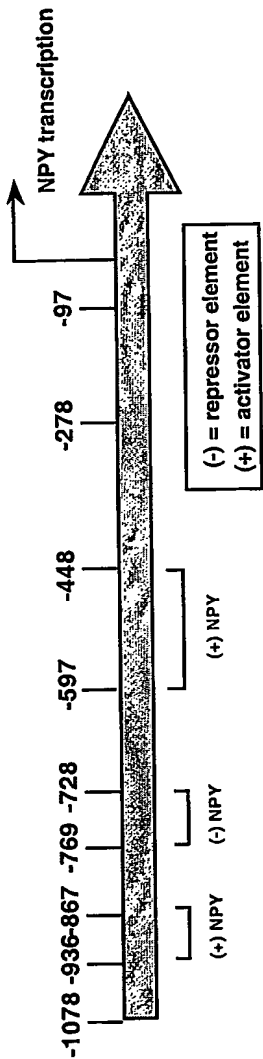


Figure 15

17/22



NPY 5' Regulatory Region in NPY-17 Neurons

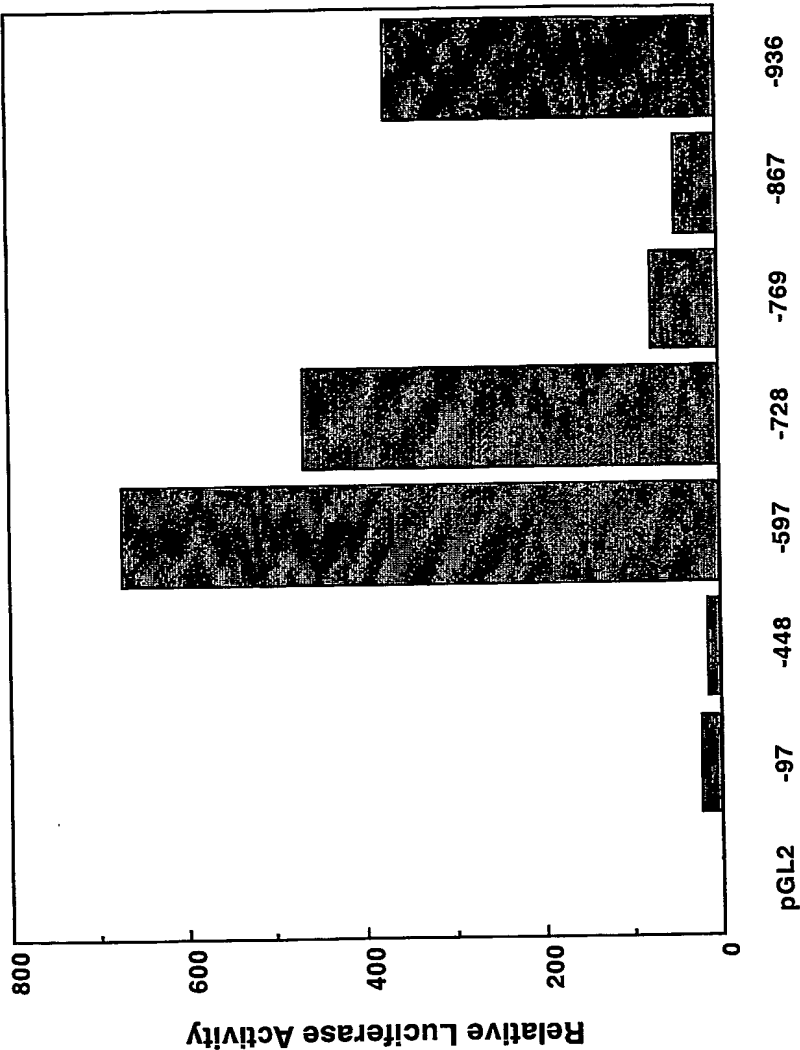


Figure 16

18/22

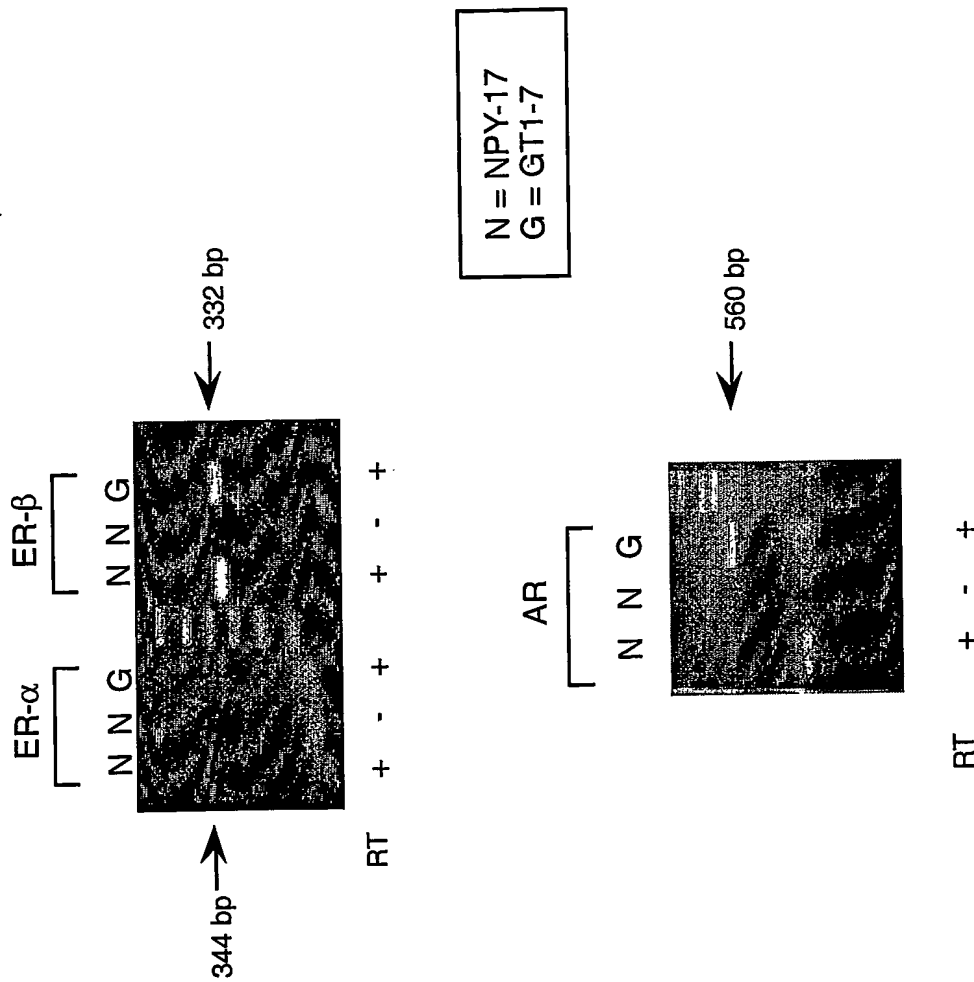


Figure 17

19/22

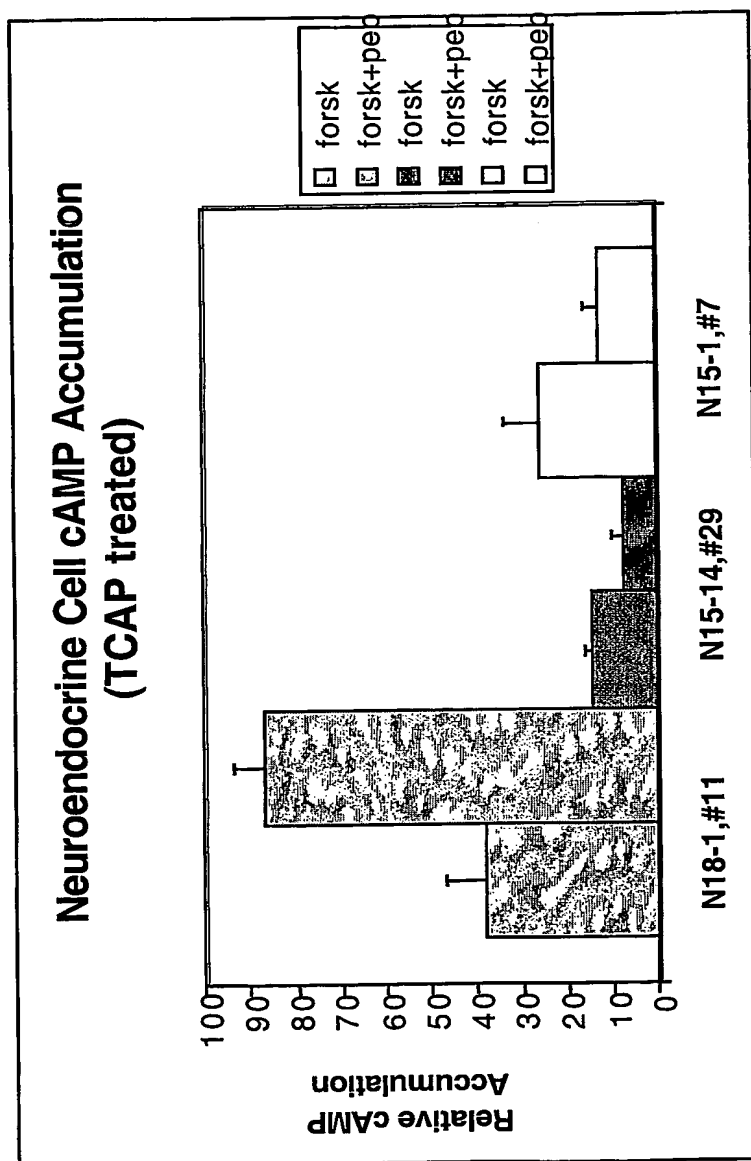


Figure 18A

20/22

1-IBMX
2-Glp2-0.2 nM
3-Glp2-2 nM
4-Glp2-20 nM
5-Glp2-200 nM

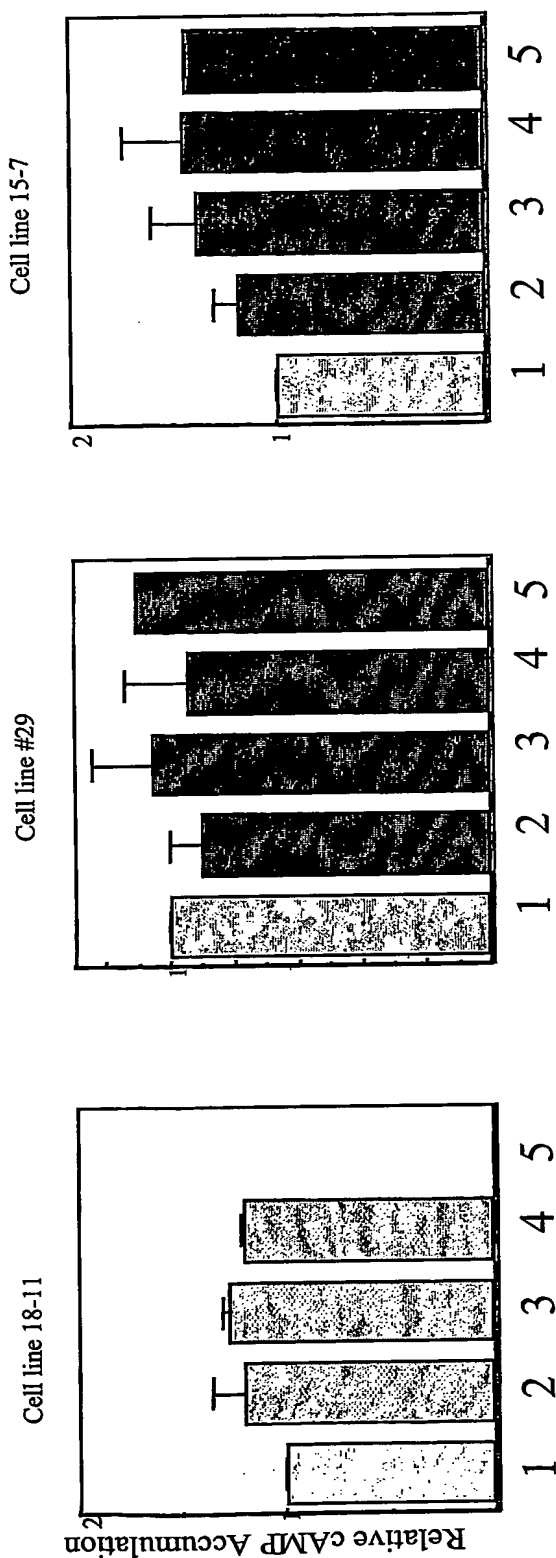


Figure 18B

21/22

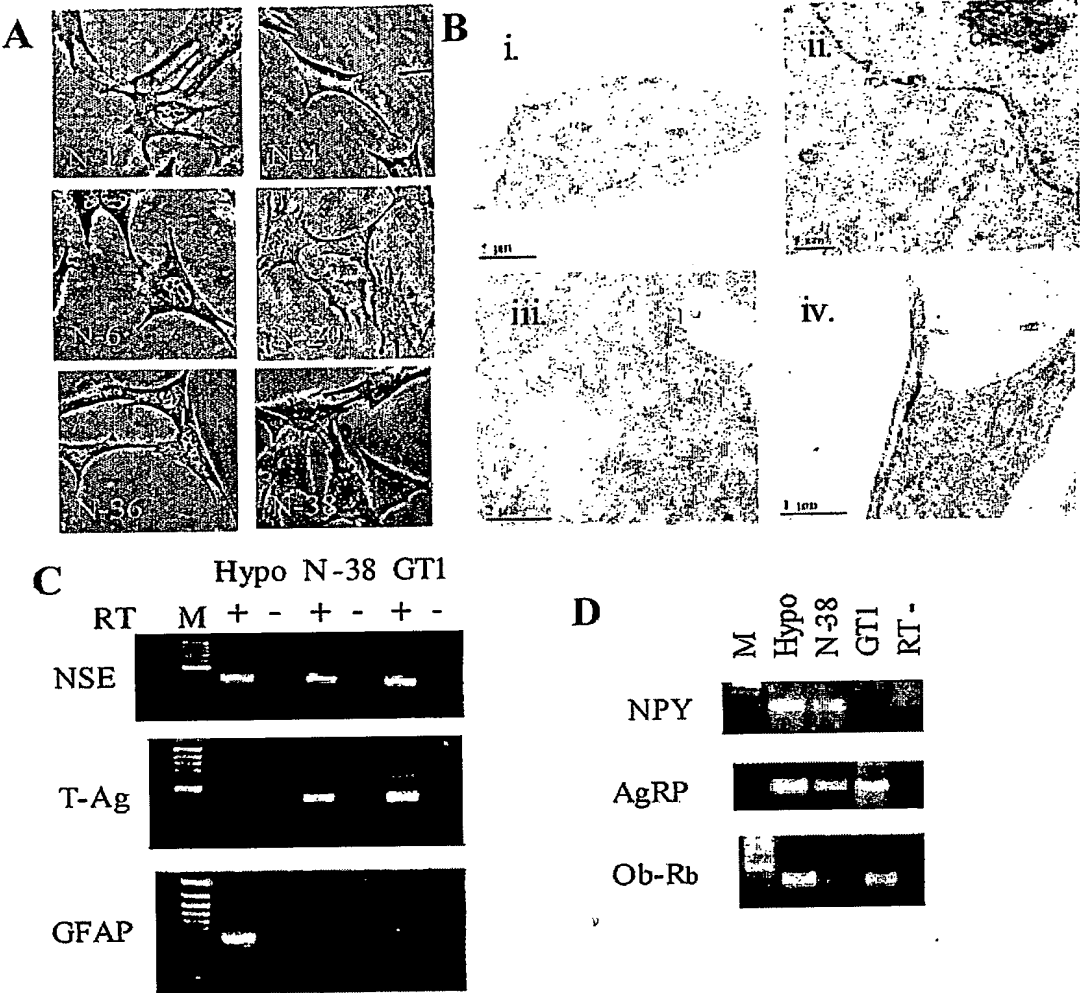


Figure 19

22/22

Figure 20

human TCAP 1	QQLLESTGRVQGYDGYFVLSVEQYLELS	DSANNIHFMRQSEI
human TCAP 2	QQLLESTGRVQGYEGYYVLPVEQYPELA	DSSSNIOFLRQNEI
human TCAP 3	QLLSAGKVQGYDGYVLSVEQYPELA	DSANNIOFLRQSEI
human TCAP 4	QQVLESTGRVQGYDGFVLSVEQYPELS	DSANNIHFMRQSEM
mouse TCAP 1	QQLLEGTGRVQGYDGYFVLSVEQYLELS	DSANNIHFMRQSEI
mouse TCAP 2	QQLLESTGRVQGYEGYYVLPVEQYPELA	DSSSNIOFLRQNEI
mouse TCAP 3	QLLSAGKVQGYDGYVLSVEQYPELA	DSANNIOFLRQSEI
mouse TCAP 4	QQVLENTGRVQGYDGFVLSVEQYPELS	DSANNIHFMRQSEM
trout TCAP 3	QLLSGRKVLGYDGYVLSVEQYPELA	DSANNIOFLRQSEI

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